

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Peter Elyjiw on January 22, 2009.

The specification has been amended as follow:

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-6 (cancelled).

Claim 7 (currently amended): A wireless mobile device comprising:

- a processor;

- computer readable memory in communication with said processor, storing virtual machine software controlling operation of said wireless mobile device,

- said virtual machine software comprising:

- a parser for receiving an XML text file;

- a screen generation engine, for presenting at least one screen at said wireless mobile device in accordance with at least one screen tag within said text file;

Art Unit: 2168

an event handler for processing events arising in response to interaction with said at least one screen in accordance with event tags within said text file; object classes corresponding to actions to be taken by said wireless mobile device, in accordance with action tags within said text file, in response to interaction with said at least one screen; and

an object class corresponding to a data table for storing data at said wireless mobile device in accordance with a table definition tag within said text file; ~~and~~
~~an object class corresponding to a network message to be received or transmitted by said wireless mobile device.~~

Claim 8 (original): The wireless mobile device of claim 7, wherein said memory further stores a representation of said text file.

Claim 9 (original): The wireless mobile device of claim 8, wherein said representation of said text file is created by said parser.

Claim 10 (original): The wireless mobile device of claim 9, wherein said parser comprises an XML parser.

Claim 11 (previously presented): The wireless mobile device of claim 10, wherein said object classes corresponding to action to be taken comprise object classes that present screen elements at said wireless mobile device.

Claim 12 (currently amended): The wireless mobile device of claim 11, further comprising object classes enabling exchange of data between said wireless mobile

Art Unit: 2168

device and a computing device over a network, wherein said data is formatted in accordance with XML definitions within said text file.

Claims 13-16 (cancelled).

Claim 17 (new): The wireless mobile device of claim 12 wherein said object classes enabling exchange of data comprise object classes corresponding to network messages to be received or transmitted by said wireless mobile device.

Claim 18: (new): A computer readable medium storing virtual machine software for controlling operation of a wireless mobile device, said virtual machine software comprising:

- a parser for receiving an XML text file;
- a screen generation engine, for presenting at least one screen at said wireless mobile device in accordance with at least one screen tag within said text file;
- an event handler for processing events arising in response to interaction with said at least one screen in accordance with event tags within said text file;
- object classes corresponding to actions to be taken by said wireless mobile device, in accordance with action tags within said text file, in response to interaction with said at least one screen; and
- an object class corresponding to a data table for storing data at said wireless mobile device in accordance with a table definition tag within said text file.

Claim 19 (new): The computer readable medium of claim 18, wherein said parser comprises an XML parser.

Art Unit: 2168

Claim 20 (new): The computer readable medium of claim 18, wherein said object classes corresponding to action to be taken comprise object classes that present screen elements at said computer readable medium.

Claim 21 (new): The computer readable medium of claim 18, further comprising object classes enabling exchange of data between said wireless mobile device and a computing device over a network, wherein said data is formatted in accordance with XML definitions within said text file.

Claim 22 (new): The computer readable medium of claim 21 wherein said object classes enabling exchange of data comprise object classes corresponding to network messages to be received or transmitted by said wireless mobile device.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Claims 7-12, 17-22 are allowed.

The prior art of record fails to teach or fairly suggest a wireless mobile device storing virtual machine software, said virtual machine software comprising a screen generation engine, for presenting at least one screen at said wireless mobile device in accordance with at least one screen tag within said text file; an event handler for processing events arising in response to interaction with said at least one screen in accordance with event tags within said text file; object classes corresponding to actions to be taken by said wireless mobile device, in accordance with action tags within said text file, in response to interaction with said at least one screen, as detailed in claims 7 and 18.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Saulpaugh et al (U.S. Patent 7,426,721 B1): discloses transformation between computer programming language objects and data representation language representations of the objects.

Abjanic et al (U.S. Patent 7,111,076 B2): discloses a transformer to transform a message from a first format to a second format.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DEBBIE M. LE whose telephone number is (571)272-4111. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Vo can be reached on (571) 272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2168

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/DEBBIE M LE/
Primary Examiner, Art Unit 2168
January 28, 2009